

CLAIMS

1. A monitoring system for monitoring a video/audio signal transmitted from a transmission source to a transmission destination, the system comprising:

5 a step of storing the video/audio signal transmitted from the transmission source to the transmission destination repeatedly for a predetermined time period;

10 a step of comparing a first characteristic amount extracted from the video/audio signal before the transmission and a second characteristic amount extracted from the video/audio signal after the transmission in real time;

15 a step of determining an error occurrence when there is a difference of a predetermined value or more between the first characteristic amount and the second characteristic amount; and

20 a step of transmitting the stored video/audio signal to a predetermined destination when an error occurrence is determined.

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2. The monitoring system according to claim 1, wherein the second characteristic amount to be used for comparison and the stored video/audio signal are transmitted from the transmission destination to the transmission source through the Internet.

3. The monitoring system according to claim 1 or claim

2, wherein the stored video/audio signal is used for analyzing the error.

4. The monitoring system according to any one of claims
5 1 to 3, wherein the error is an image freeze phenomenon.

5. The monitoring system according to any one of claims
1 to 4, wherein the error is a blackout phenomenon.

10 6. The monitoring system according to any one of claims
1 to 5, wherein the error is an audio mute phenomenon.

7. The monitoring system according to any one of claims
1 to 6, wherein the error is an audio failure phenomenon.

15 8. The monitoring system according to any one of claims
1 to 7, wherein the error is a video/audio mismatching phenomenon.

20 9. The monitoring system according to any one of claims
1 to 8, wherein the error is an irregular frame phenomenon.

25 10. The monitoring system according to any one of claims
1 to 9, wherein the video/audio signal transmitted to the transmission destination is corrected when there is a difference of a predetermined value or more between the first characteristic amount and the second characteristic amount.